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1	BRS	L1	311	laser and mirror and guided near2 mode and grating and filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/23 15:46	
2	BRS	L2	28	laser and mirror and guided near2 mode near3 grating and filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/23 15:46	

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(54) LIGHT WAVELENGTH CONVERSION MODULE

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(57) ABSTRACT

The present invention provides a light wavelength conversion module in which an output light amount of a light wavelength conversion element increases monotonically as a driving current of a semiconductor laser increases. The light wavelength conversion module includes the semiconductor laser having an external resonator provided with a narrow band-pass filter, and the light wavelength conversion element for converting a laser beam emitted from the semiconductor laser to a second harmonic wave. A semiconductor laser, which emits a laser beam including a plurality of longitudinal mode spectra within an acceptable wavelength band of the light wavelength conversion element, is used in the light wavelength conversion module.